

Commercial Horticulture

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Commercial Horticulture

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships	25%	25%		
205	Plant Management Systems	50%	50%		
215	Biological Control of Pests Affecting Plants	10%	10%		
216	Integrated Pest Management Systems	15%	15%		
	Total	100%	100%		

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	8.5	0.6	0.0	0.0
Actual	11.7	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c 209923	1890 Extension 0	Hatch 0	Evans-Allen 0
1862 Matching 255868	1890 Matching 0	1862 Matching 0	1890 Matching 0
1862 All Other 1395282	1890 All Other 0	1862 All Other 0	1890 All Other 0

V(D). Planned Program (Activity)**1. Brief description of the Activity**

Program priorities for commercial horticulture support economic and environmental sustainability through research based continuing education. These include grower meetings, workshops, on-farm research, on-farm demonstrations, publications, on-farm consultations. Additional activity was related to: ETP19B Cultivar Selection as a Tool to Sustain Fruit Production; ETP19E Promoting Drip Irrigation in Commercial Horticulture and Home Grounds for Water Conservation; and ETP19F Sustainable Management of Imported Fire Ants

On-farm demonstrations related to irrigation design, water use, and fire ant management.

Dissemination of research and demonstration results.

Grower meetings throughout the state related to fruit, vegetable, ornamental, Christmas tree, and turf.

Agent training workshops for irrigation design and components for water conservation.

Agent training for proper fruit pruning and training.

Urban workshop for irrigation design and water conservation strategies.

Multi-state fruit and vegetable commodity conference.

New fruit producer educational program

Statewide field day 'Farm, Home, and Wildlife Field Day'

Newsletters, web-based material, presentations development

Fruit insect monitoring

On-farm consulting

Community market development

Labor issues workshop and video conference

2. Brief description of the target audience

The primary target audience is traditional commercial horticulture producers, new producers, Extension faculty, and Master Gardeners.

V(E). Planned Program (Outputs)**1. Standard output measures****Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	41000	97000	4000	10000
2008	20000	360000	1636	4000

2. Number of Patent Applications Submitted (Standard Research Output)**Patent Applications Submitted**

Year **Target**

Plan: 0

2008: 0

Patents listed**3. Publications (Standard General Output Measure)****Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan	0	0	
2008	4	0	4

V(F). State Defined Outputs**Output Target****Output #1****Output Measure**

This program area will include numerous output activities and methods as part of the Extension Team Projects (ETPs) which are described/explained in the prior "outcome activities and methods sections." The success of many of these outcomes will be formally evaluated/measured by using individual activity evaluation forms designed specifically for each activity, the success of other activities and methods will be measured by the level of participation in the activity. In the target boxes below for each year, we are indicating the number of individual activities within the ETPs for this program area that will be formally evaluated using an evaluation instrument designed specifically for that activity.

Year	Target	Actual
2008	2	0

Output #2**Output Measure**

Irrigation demonstrations for water conservation

Year	Target	Actual
2008	{No Data Entered}	5

Output #3**Output Measure**

Irrigation workshops, water saving devises

Year	Target	Actual
2008	{No Data Entered}	4

Output #4**Output Measure**

New producers involved in training meetings and workshops

Year	Target	Actual
2008	{No Data Entered}	300

Output #5**Output Measure**

Community market development and support

Year	Target	Actual
2008	{No Data Entered}	10

Output #6**Output Measure**

Fire Ant demonstrations and workshops

Year	Target	Actual
2008	{No Data Entered}	12

Output #7**Output Measure**

On-farm consulting

Year	Target	Actual
2008	{No Data Entered}	350

Output #8**Output Measure**

Commercial horticulture producer education sessions

Year	Target	Actual
2008	{No Data Entered}	20

V(G). State Defined Outcomes

O No.	Outcome Name
1	For ETP19A - Alabama Certified Landscape Professional (ACLP) Training and Testing, and ETP19B - Alabama Certified Nursery Professional (ACNP) Training and Testing, agents will keep participation records for training, test scores and continuing education certification points. They will monitor the testing and determine consistently weak areas that identifies opportunities for training. Agents will be expected to document the number of clientele that were trained or that were assisted with related questions. An annual report will be required. An annual report form will be developed and distributed to all participating agents by the Extension team project leader. This will be done on a fiscal year basis to be used in reporting to the ALNLA and will be due October 1, of each year.
2	Each ACES employee is required to provide a success story on the program activity which they felt best demonstrates the impacts of their work. These success stories contain the following elements: Why: Explain the reason the program was done, or the situation or problem that the program addressed What: Specifically what was done and how it was done. When: If this was a one-time event, the date it occurred. If it is was a series of events, or an on-going program, when it began. Where: Specific location-- the county or counties involved. Who and how many: The "who" includes both who did the program and who were the clients of the program, as well as how many people were served. So what: This is the part that gives the real meaning to "success". The basic question to be answered in this part is "what difference did this program make". The difference may be measured in terms of dollars, or in changes in habits, lifestyles or attitudes. Whenever possible use numbers to show the effect of the program. If it is not possible to use numbers, provide a qualitative measurement like client comments or another type of testimonial about the program.
3	Irrigation demonstrations
4	Irrigation agent training workshop and irrigation auditor certification
5	New producers training
6	Commercial horticulture new producers session
7	On-farm problem solving (consulting)
8	Community market development and support
9	Fire ant demonstrations and workshops
10	Producer Educational Meetings

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Natural Disasters (drought,weather extremes,etc.)

Economy

Appropriations changes

Government Regulations

Competing Programmatic Challenges

Populations changes (immigration,new cultural groupings,etc.)

Brief Explanation

Climatic conditions and pest pressure impact outcomes each year when dealing with agriculture.In addition the number of commercial horticulture regional agents for the entire state is only 6.5 FTE.Supporting specialists across multi-disciplines number 10.All but 5 have responsibilities on other Extension Teams.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Comparisons between program participants (individuals,group,organizations) and non-participants

Evaluation Results

Key Items of Evaluation